



TYPICAL SECTION
HOT MIX ASPHALT PAVED SHOULDER

DESIGN QUANTITY TABLE (2)								
	E = 4'		E = 6'		E = 8'		E = 10'	
(T)	Area Sq. Yds.	HMA Tons (3)	Area Sq. Yds.	HMA Tons (3)	Area Sq. Yds.	HMA Tons (3)	Area Sq. Yds.	HMA Tons (3)
8.0"	44.44	20.94	66.67	30.61	88.89	40.28	111.11	49.94
8.5"	44.44	22.36	66.67	32.63	88.89	42.90	111.11	53.17
9.0"	44.44	23.79	66.67	34.67	88.89	45.54	111.11	56.41
9.5"	44.44	25.23	66.67	36.71	88.89	48.19	111.11	59.67
10.0"	44.44	26.68	66.67	38.77	88.89	50.85	111.11	62.93
10.5"	44.44	28.15	66.67	40.84	88.89	53.53	111.11	66.21
11.0"	44.44	29.63	66.67	42.92	88.89	56.21	111.11	69.50
11.5"	44.44	31.12	66.67	45.02	88.89	58.91	111.11	72.81
12.0"	44.44	32.62	66.67	47.13	88.89	61.63	111.11	76.12
12.5"	44.44	34.14	66.67	49.25	88.89	64.35	111.11	79.45

GENERAL NOTES:

Payment for "Special Backfill" shall be based on a uniform 6 inch thickness. The thickness may be exceeded at the Contractor's option with no compensation for the additional material.

Contract items:

Paved Shoulder, Hot Mix Asphalt Mixture
Special Backfill

- Refer to the appropriate Detail Drawing.
- Quantities indicated are for design purposes. Quantities listed are for one shoulder per station.
- Quantities shown are based on a design weight of 145 lbs./cu. ft. for Hot Mix Asphalt with an asphalt content of 6.0% utilizing a 3/4" aggregate mix size, with 45% crushed particles, and no special aggregate frictional requirements. N_{ini} , N_{des} , and N_{max} shall be 7, 68, and 104 respectively regardless of design ESALs for the pavement. Asphalt Binder PG58-28 shall be utilized with this mix.

Iowa Department of Transportation Highway Division	
STANDARD ROAD PLAN RH-41C	
REVISION: Remove reference to Rumble Strip Standard.	REVISION NO. 15
	REVISION DATE 10-21-03
APPROVED BY DESIGN METHODS ENGINEER	
PAVED SHOULDER FULL DEPTH HOT MIX ASPHALT (ADJACENT TO PCC PAVEMENT)	